

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	798	neural and signature	USPAT; US-PGP UB	2002/03/10 23:00
2	BRS	L2	71	artificial adj neural adj networks and signature	USPAT; US-PGP UB	2002/03/10 23:00

	Comments	Error Definition	Errors
1			0
2			0

	U	1	Document ID	Issue Date	Pages
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20020010517 A1		17
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20010037324 A1		
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20010034478 A1		
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5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20010020777 A1		
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7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6350369 B1	20020226	
8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6331244 B1	20011218	

	Title	Current OR	Current XRef
1	System of case-based reasoning for sensor prediction in a technical process, especially in a cement kiln, method and apparatus therefore		
2	Multilevel taxonomy based on features derived from training documents classification using fisher values as discrimination values		
3	Assessing blood brain barrier dynamics or identifying or measuring selected substances or toxins in a subject by analyzing raman spectrum signals of selected		
4	Regions in the eye using signal fingerprinting		
5	Methods for controlling a system in a vehicle using a transmitting/receiving transducer and/or while compensating for thermal gradients		
6	CHEMICAL SENSOR PATTERN RECOGNITION SYSTEM AND METHOD USING A SELF-TRAINING NEURAL NETWORK CLASSIFIER WITH AUTOMATED OUTLIER DETECTION		
7	Method and system for determining analyte activity	205/777.5	204/412 ; 205/775 ; 205/787 ; 422/82.02
8	Sensors for detecting analytes in fluids	205/777.5	422/82.01 ; 422/82.02 ; 436/150

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
1		Brown, Michael , Heidemann, Lueder , et al.	<input type="checkbox"/>						
2		Agrawal, Rakesh , Chakrabarti, Soumen , et al.	<input type="checkbox"/>						
3		Lambert, James L. , Borchert, Mark S.	<input type="checkbox"/>						
4		Karr, Charles L. JR. , Dupray, Dennis J.	<input type="checkbox"/>						
5		Johnson, Wendell C. , Du Vall, Wilbur E. , et al.	<input type="checkbox"/>						
6		SHAFFER, RONALD E.	<input type="checkbox"/>						
7		Lewis, Nathan S. , et al.	<input type="checkbox"/>						
8		Lewis, Nathan S. , et al.	<input type="checkbox"/>						

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9	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6321164 B1	20011120	
10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6319724 B1	20011120	
11	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6308043 B1	20011023	
12	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6307500 B1	20011023	
13	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6303316 B1	20011016	
14	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6297439 B1	20011002	
15	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6289328 B1	20010911	
16	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6286363 B1	20010911	
17	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6280381 B1	20010828	

	Title	Current OR	Current XRef
9	Method and apparatus for predicting the presence of an abnormal level of one or more proteins in the clotting cascade	702/22	702/28 ; 702/30 ; 702/32 ; 703/11
10	Trace level detection of analytes using artificial olfactometry	436/149	422/68.1 ; 422/82.01 ; 422/82.05 ; 422/83 ; 422/84 ; 422/88 ; 436/151 ; 436/164 ; 436/172 ; 436/900
11	Wireless communication link quality forecasting	455/63	342/351 ; 455/67.1
12	Method of moment estimation and feature extraction for devices which measure spectra as a function of range or time	342/26	342/192 ; 342/196 ; 702/3
13	Organic semiconductor recognition complex and system	435/6	435/7.1 ; 435/91.2 ; 436/94 ; 536/23.1
14	System and method for automatic music generation using a neural network architecture	84/635	84/667 ; 84/DIG.10 ; 84/DIG.12
15	Chemical sensor pattern recognition system and method using a self-training neural network classifier with automated outlier detection	706/20	706/19 ; 706/21
16	Integrated multi-element lubrication sensor and health lubricant assessment system	73/53.01	340/631 ; 340/632 ; 73/1.02 ; 73/10 ; 73/23.31 ; 73/53.05 ; 73/61.41
17	Intelligent system for noninvasive blood analyte prediction	600/322	128/920

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
9		Braun, Paul , et al.	<input type="checkbox"/>						
10		Lewis, Nathan S. , et al.	<input type="checkbox"/>						
11		Solheim, Fredrick S. , et al.	<input type="checkbox"/>						
12		Cornman, Lawrence Bruce , et al.	<input type="checkbox"/>						
13		Kiel, Johnathan L. , et al.	<input type="checkbox"/>						
14		Browne, Cameron Bolitho	<input type="checkbox"/>						
15		Shaffer, Ronald E.	<input type="checkbox"/>						
16		Discenzo, Frederick M.	<input type="checkbox"/>						
17		Malin, Stephen F. , et al.	<input type="checkbox"/>						

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18	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6279946 B1	20010828	
19	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6272479 B1	20010807	
20	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6249252 B1	20010619	
21	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6233575 B1	20010515	
22	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6199018 B1	20010306	
23	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6198838 B1	20010306	
24	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6196057 B1	20010306	
25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6192351 B1	20010220	
26	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6181957 B1	20010130	
27	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6170318 B1	20010109	
28	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6140643 A	20001031	

	Title	Current OR	Current XRef
18	Methods for controlling a system in a vehicle using a transmitting/receiving transducer and/or while compensating for thermal gradients	280/735	701/45
19	Method of evolving classifier programs for signal processing and control	706/13	700/213 ; 700/250 ; 706/14
20	Wireless location using multiple location estimators	342/450	342/357.01 ; 342/457
21	Multilevel taxonomy based on features derived from training documents classification using fisher values as discrimination values	707/6	706/12 ; 707/2
22	Distributed diagnostic system	702/34	318/806 ; 702/181 ; 706/20 ; 706/912
23	Method and system for detection of suspicious lesions in digital mammograms using a combination of spiculation and density signals	382/132	378/37
24	Integrated multi-element lubrication sensor and lubricant health assessment	73/54.01	422/82.01 ; 73/23.21 ; 73/53.01
25	Fuzzy neural networks	706/2	382/156 ; 382/157 ; 382/159 ; 706/16 ; 706/20 ; 706/31
26	Non-invasive glucose monitor	600/319	
27	Methods of use for sensor based fluid detection devices	73/23.34	340/632 ; 422/98
28	Method for identification of unknown substances	250/307	378/48 ; 702/28

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
18		Johnson, Wendell C. , et al.	<input type="checkbox"/>						
19		Farry, Kristin Ann , et al.	<input type="checkbox"/>						
20		Dupray, Dennis J.	<input type="checkbox"/>						
21		Agrawal, Rakesh , et al.	<input type="checkbox"/>						
22		Quist, Nancy L. , et al.	<input type="checkbox"/>						
23		Roehrig, Jimmy R. , et al.	<input type="checkbox"/>						
24		Discenzo, Frederick M.	<input type="checkbox"/>						
25		Persaud, Krishna Chandra	<input type="checkbox"/>						
26		Lambert, James L. , et al.	<input type="checkbox"/>						
27		Lewis, Nathan S.	<input type="checkbox"/>						
28		Brown, Roy W. , et al.	<input type="checkbox"/>						

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29	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6135966 A	20001024	
30	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6131089 A	20001010	
31	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6128561 A	20001003	
32	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6122042 A	20000919	
33	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6093308 A	20000725	
34	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6090044 A	20000718	
35	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6075891 A	20000613	
36	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6052679 A	20000418	
37	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6035274 A	20000307	

	Title	Current OR	Current XRef
29	Method and apparatus for non-invasive diagnosis of cardiovascular and related disorders	600/481	128/925 ; 128/DIG.3
30	Pattern classifier with training system and methods of operation therefor	706/20	704/232
31	Self-diagnostic system for conditioned maintenance of machines operating under intermittent load	701/29	340/438 ; 340/439 ; 340/450.3 ; 340/457.4 ; 701/30 ; 73/117.3
32	Devices and methods for optically identifying characteristics of material objects	356/73	356/343
33	Sensors for detecting analytes in fluids	205/787	204/406 ; 204/415 ; 204/418 ; 205/775 ; 205/782.5 ; 324/691 ; 324/693 ; 338/13 ; 338/14 ; 338/7 ; 422/82.02 ; 422/82.12 ; 422/98 ; 436/150 ; 73/23.2 ; 73/23.31 ; 73/23.34 ; 73/335.05
34	System for diagnosing medical conditions using a neural network	600/300	128/920
35	Non-literal pattern recognition method and system for hyperspectral imagery exploitation	382/191	382/190 ; 382/224 ; 382/225
36	Artificial neural networks including Boolean-complete compartments	706/15	706/26
37	Strain-sensing goniometers, systems and recognition algorithms	704/270	704/271 ; 704/272

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
29		Ko, Gary Kam-Yuen	<input type="checkbox"/>						
30		Campbell, William Michael , et al.	<input type="checkbox"/>						
31		Janata, Jiri	<input type="checkbox"/>						
32		Wunderman, Irwin , et al.	<input type="checkbox"/>						
33		Lewis, Nathan S. , et al.	<input type="checkbox"/>						
34		Bishop, Jeffrey B. , et al.	<input type="checkbox"/>						
35		Burman, Jerome Allen	<input type="checkbox"/>						
36		Aparicio, IV, Manuel , et al.	<input type="checkbox"/>						
37		Kramer, James F. , et al.	<input type="checkbox"/>						

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38	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6024705 A	20000215	
39	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5995910 A	19991130	
40	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5982917 A	19991109	
41	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5961571 A	19991005	
42	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5911872 A	19990615	
43	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5845049 A	19981201	
44	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5813406 A	19980929	
45	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5799100 A	19980825	

	Title	Current OR	Current XRef
38	Automated seismic detection of myocardial ischemia and related measurement of cardiac output parameters	600/508	
39	Method and system for synthesizing vibration data	702/56	702/34 ; 702/54
40	Computer-assisted method and apparatus for displaying x-ray images	382/132	128/922
41	Method and apparatus for automatically tracking the location of vehicles	701/207	340/988 ; 340/990 ; 701/200 ; 701/208 ; 701/211 ; 701/212
42	Sensors for detecting analytes in fluids	205/787	204/406 ; 204/415 ; 204/418 ; 205/775 ; 205/782.5 ; 324/691 ; 324/693 ; 338/13 ; 338/14 ; 338/7 ; 422/82.02 ; 422/82.12 ; 422/98 ; 436/150 ; 73/23.2 ; 73/23.31 ; 73/23.34 ; 73/335.05
43	Neural network system with N-gram term weighting method for molecular sequence classification and motif identification	706/20	706/16 ; 706/21 ; 706/25 ; 706/26
44	Strain-sensing goniometers, systems and recognition algorithms	600/595	
45	Computer-assisted method and apparatus for analysis of x-ray images using wavelet transforms	382/132	382/276

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
38		Schlager, Kenneth J. , et al.	<input type="checkbox"/>						
39		Discenzo, Frederick M.	<input type="checkbox"/>						
40		Clarke, Laurence P. , et al.	<input type="checkbox"/>						
41		Gorr, Russell E. , et al.	<input type="checkbox"/>						
42		Lewis, Nathan S. , et al.	<input type="checkbox"/>						
43		Wu, Cathy H.	<input type="checkbox"/>						
44		Kramer, James F. , et al.	<input type="checkbox"/>						
45		Clarke, Laurence P. , et al.	<input type="checkbox"/>						

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46	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5798981 A	19980825	
47	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5788833 A	19980804	
48	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5741648 A	19980421	
49	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5737496 A	19980407	
50	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5733721 A	19980331	
51	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5654903 A	19970805	
52	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5654497 A	19970805	
53	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5653894 A	19970805	
54	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5619616 A	19970408	
55	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5602886 A	19970211	

	Title	Current OR	Current XRef
46	Integrity assessment of ground anchorages	367/13	73/579 ; 73/594
47	Sensors for detecting analytes in fluids	205/787	204/406 ; 204/415 ; 204/418 ; 205/775 ; 205/782.5 ; 422/68.1 ; 422/69 ; 422/82.01 ; 422/82.02 ; 436/150
48	Cell analysis method using quantitative fluorescence image analysis	435/6	435/7.21 ; 435/7.23 ; 436/63 ; 436/64 ; 436/813
49	Active neural network control of wafer attributes in a plasma etch process	706/23	706/25 ; 706/30 ; 706/903 ; 706/906
50	Cell analysis method using quantitative fluorescence image analysis	435/6	382/133 ; 435/7.23 ; 435/968 ; 435/973 ; 436/800 ; 436/805
51	Method and apparatus for real time monitoring of wafer attributes in a plasma etch process	702/81	216/67 ; 438/9 ; 700/121 ; 706/16
52	Motor vehicle fuel analyzer	73/23.2	702/27 ; 73/31.05
53	Active neural network determination of endpoint in a plasma etch process	216/59	216/60 ; 438/9 ; 700/121
54	Vehicle classification system using a passive audio input to a neural network	706/20	
55	Neural net controlled tag gas sampling system for nuclear reactors	376/253	

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
46		Littlejohn, Gavin Stuart , et al.	<input type="checkbox"/>						
47		Lewis, Nathan S. , et al.	<input type="checkbox"/>						
48		Hemstreet, III, George P. , et al.	<input type="checkbox"/>						
49		Frye, Robert Charles , et al.	<input type="checkbox"/>						
50		Hemstreet, III, George P. , et al.	<input type="checkbox"/>						
51		Reitman, Edward A. , et al.	<input type="checkbox"/>						
52		Hoffheins, Barbara S. , et al.	<input type="checkbox"/>						
53		Ibbotson, Dale Edward , et al.	<input type="checkbox"/>						
54		Brady, Mark J. , et al.	<input type="checkbox"/>						
55		Gross, Kenneth C. , et al.	<input type="checkbox"/>						

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56	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5566092 A	19961015	
57	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5550951 A	19960827	
58	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5519805 A	19960521	
59	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5503161 A	19960402	
60	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5481481 A	19960102	
61	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5463768 A	19951031	
62	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5455892 A	19951003	
63	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5448503 A	19950905	
64	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5442729 A	19950815	
65	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5384895 A	19950124	
66	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5306893 A	19940426	
67	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5280265 A	19940118	
68	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5226092 A	19930706	
69	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5212377 A	19930518	

	Title	Current OR	Current XRef
56	Machine fault diagnostics system and method	702/185	700/159 ; 700/169 ; 700/174 ; 700/2 ; 706/904 ; 706/912
57	Metrics for specifying and/or testing neural networks	706/15	702/108 ; 706/31
58	Signal processing arrangements	704/202	
59	Universal medical instrument based on spectrum analysis	600/586	128/925
60	Automated diagnostic system having temporally coordinated wireless sensors	702/82	340/3.1 ; 340/3.3 ; 700/276
61	Method and system for analyzing error logs for diagnostics	714/37	714/40
62	Method for training a neural network for classifying an unknown signal with respect to known signals	706/25	706/20
63	Acoustic monitor	702/66	706/20
64	Strain-sensing goniometers, systems and recognition algorithms	704/271	128/925 ; 600/595 ; 706/20
65	Self-organizing neural network for classifying pattern signatures with `a posteriori` conditional class probability	706/20	706/25 ; 706/31
66	Weld acoustic monitor	219/130.01	706/20
67	Strain-sensing goniometers, systems and recognition algorithms	338/210	128/925 ; 600/595
68	Method and apparatus for learning in a neural network	382/157	706/25
69	Thin-film neuron network with optical programming	250/214R	706/40

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
56		Wang, Hsu-Pin , et al.	<input type="checkbox"/>						
57		Woodall, Roger L.	<input type="checkbox"/>						
58		King, Reginald A.	<input type="checkbox"/>						
59		Van Den Heuvel, Raymond C.	<input type="checkbox"/>						
60		Frey, Donald J. , et al.	<input type="checkbox"/>						
61		Cuddihy, Paul E. , et al.	<input type="checkbox"/>						
62		Minot, Joel , et al.	<input type="checkbox"/>						
63		Morris, Richard A. , et al.	<input type="checkbox"/>						
64		Kramer, James F. , et al.	<input type="checkbox"/>						
65		Rogers, George W. , et al.	<input type="checkbox"/>						
66		Morris, Richard A. , et al.	<input type="checkbox"/>						
67		Kramer, James F. , et al.	<input type="checkbox"/>						
68		Chen, Kaihu	<input type="checkbox"/>						
69		Rosan, Karlheinz	<input type="checkbox"/>						

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70	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5204938 A	19930420	
71	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5151822 A	19920929	

	Title	Current OR	Current XRef
70	Method of implementing a neural network on a digital computer	706/42	706/31
71	Transform digital/optical processing system including wedge/ring accumulator	359/559	250/550 ; 359/561 ; 382/210 ; 708/816

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
70		Skapura, David M. , et al.	<input type="checkbox"/>						
71		Hekker, Roeland M. T. , et al.	<input type="checkbox"/>						